

GENERATING GRADED PACKETS FOR PACKET VOTING  
IN WIRELESS COMMUNICATIONS SYSTEMS

ABSTRACT OF THE DISCLOSURE

A wireless communications system includes a core packet network coupled to multiple base transceiver stations, each station providing wireless services to mobile units. The system supports simultaneous, parallel, wireless communications links between a mobile unit and multiple base transceiver stations by selecting between copies of packets received by each base transceiver station. Thus, the system includes devices for selecting between multiple copies of each packet received from a mobile unit.